

Recommend for
Entry
PAC 15 JUL 06



WINDOW WITH GLAZING PROFILE
DESCRIPTION

Technical Field

The present invention relates to a window with a
5 glazing profile, to a glazing for the window, and also to the
glazing profile itself. The window may be for a vehicle,
and further aspects of the invention relate to methods of
glazing a window in a vehicle, and of centering the glazing
relative to an aperture in a vehicle body.

10 Vehicle windows are often glazed by direct bonding,
i.e. an adhesive material is used to attach the glazing
to the vehicle body. This method allows flush glazing
(i.e. the outer surface of the window is flush with the
vehicle body) or near-flush glazing, and, as well as
15 improving the product, may reduce assembly costs because
it lends itself to automation using robots.

The deployment of robots for this task is greatly
facilitated if the glazing self-centers as it is inserted in the
aperture. Accurate centering is especially important when
20 the glazing is to be flush glazed without a trim strip
covering the gap between the edge of the glazing and the
adjacent bodywork, because if the glazing is off-center,
the gap will vary in width around the perimeter of the
glazing, which is aesthetically undesirable.

25 Another consideration is to provide means for
retaining the glazing in place while the adhesive material
sets. There is obviously little point in obtaining
accurate centering of the glazing during its initial
insertion in the aperture if it slips out of position
30 before the adhesive has set.

A further consideration is that the window should
appear aesthetically acceptable from the inside of the